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Datasheet for ABIN735597

anti-SPDEF/PSE antibody (AA 251-335) (Cy5)

Overview

Quantity:	100 µL
Target:	SPDEF/PSE (SPDEF)
Binding Specificity:	AA 251-335
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPDEF/PSE antibody is conjugated to Cy5
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDEF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SPDEF/PSE (SPDEF)
Alternative Name:	Pdef/Spdef (SPDEF Products)

Target Details

Background: Synonyms: bA375E1.3, PDEF, Prostate derived Ets factor, PROSTATE EPITHELIUM SPECIC ETS TRANSCRIPTION FACTOR, Prostate epithelium-specific Ets transcription factor, Prostate specic Ets, Prostate-derived Ets factor, Prostate-specic Ets, PSE, RP11-375E1__A.3, SAM POINTED DOMAIN CONTAINING ETS TRANSCRIPTION FACTOR, SAM pointed domain-containing Ets transcription factor, Spdef, SPDEF_HUMAN.

Background: SPDEF, also known as PDEF is an ETS transcription factor expressed in the prostate epithelial cells. It is thought to act as an androgen-independent transactivator of the prostate-specific antigen (PSA) promoter and also as a transcriptional activator for the SERPINB5 promoter. It is highly expressed in prostate carcinoma cells and is thought to be involved in the regulation of the prostate gland and/or prostate cancer development. It is also expressed in epithelial breast carcinoma.

Gene ID: 25803

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months